

PSA0218R/1142

COBHAM

Broadband Spiral Antenna

The most important thing we build is trust

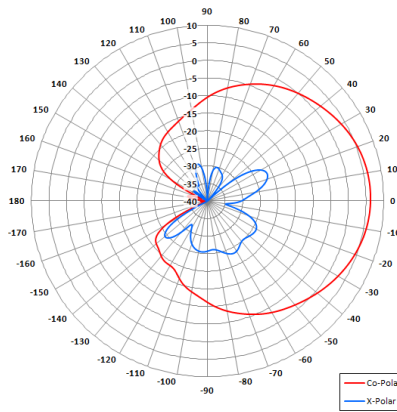
Designed for Electronic Warfare Application

Designed for DF Arrays

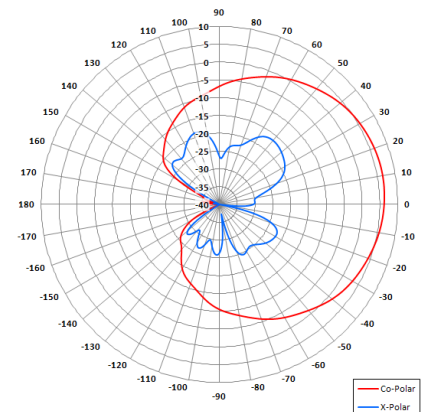
Pattern - Directional

Phase Matching Available

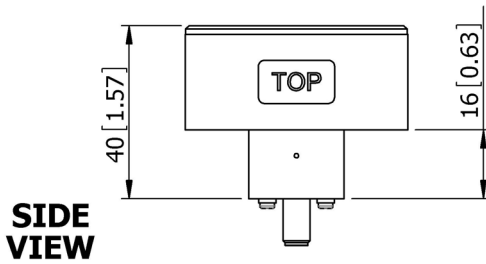
Amplitude Matching Available



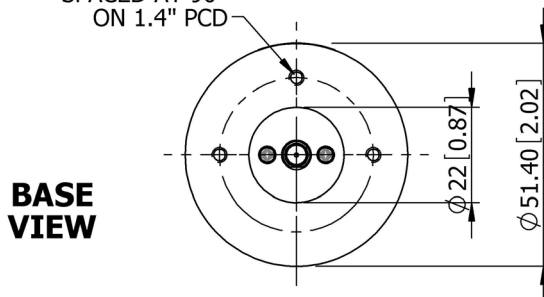
Azimuth Pattern



Elevation Pattern



3 x 6-32 UNC TAPPED HOLES x 0.2" DEEP SPACED AT 90° ON 1.4" PCD



GA: 1142

ELECTRICAL

Frequency	2.00 - 18.00 GHz
Gain	0 dBiC Min 3-18 GHz, -2 dBiC Min 2-3 GHz
Polarisation	Right Hand Circular
Beamwidth	75° (Az) x 75° (El) Approx
Axial Ratio	2 dB Max 3-18 GHz, 10 dB Max 2-3 GHz
VSWR	2.5:1 Max
Power Rating	5 W
Front to Back	25 dB Min

MECHANICAL

Standard Finish	Grey Radome
Mass	70g (2.5 oz)
Temperature	-40° to +85°C
Wind Loading	N/A

MOUNTING OPTIONS

Kits Available	N/A
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See separate data sheets

ADDITIONAL NOTES

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European Antennas Limited trading as Cobham Antenna Systems, Microwave Antennas

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